



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H142188

Mode: Highway

Status: Submitted

NC-53 (Burgaw Highway)

From/Cross Street: US 258/NC 24 Jacksonville Bypass

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-40

Project Category: Regional Impact

Length: 28.64

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$237,908,000

Description:

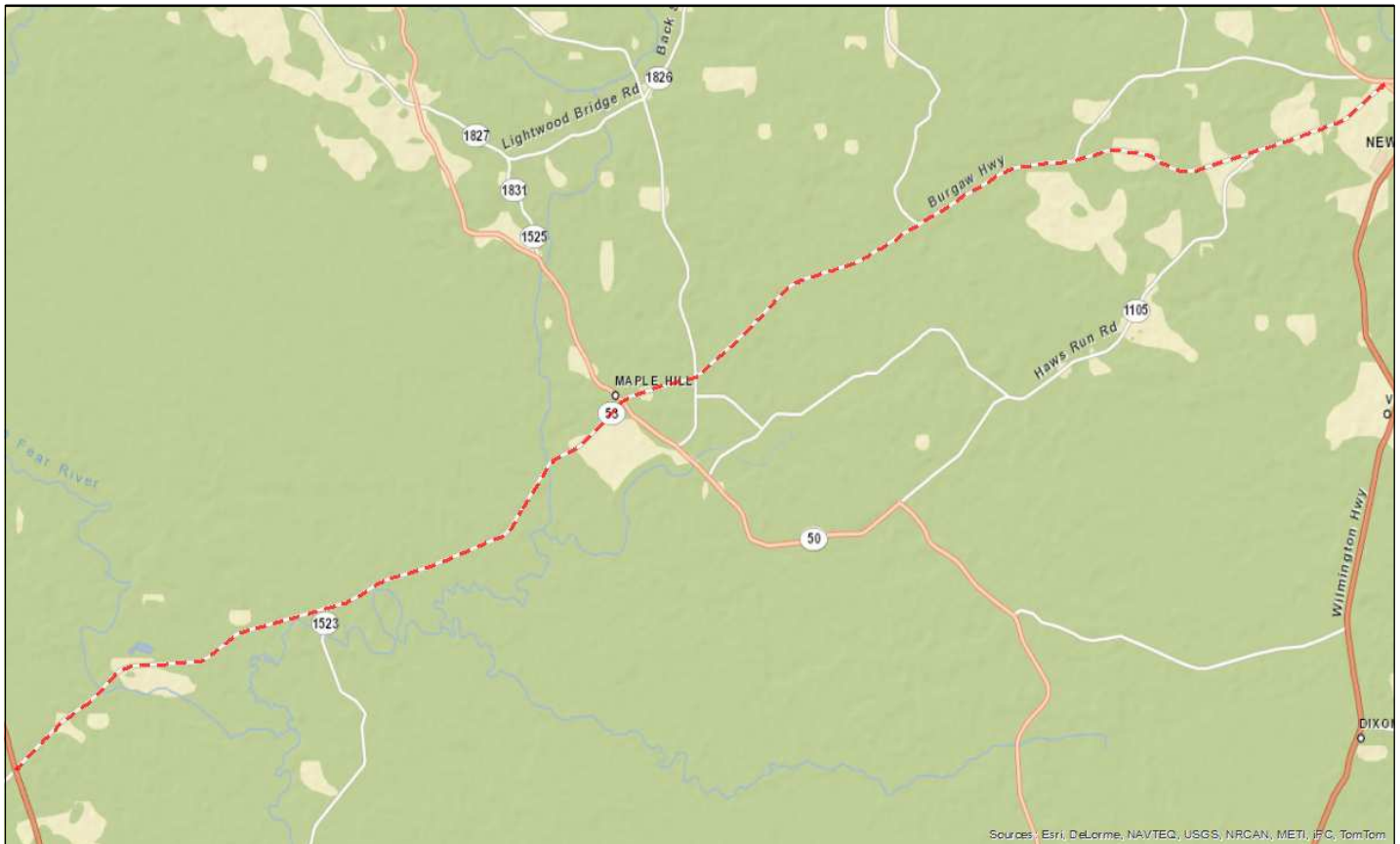
Widen NC 53 to 4-lane divided facility

Division(s): Division 3

County(s): PENDER, ONSLOW

MPOS(s)/RPO(s): Cape Fear RPO, Jacksonville Urban MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 65.99	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 3.37	Points:	Points:
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 17.34		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%) 3.37	Percent: 25%	Percent: 25%
Congestion (V/C) (20%) 21.65	Points:	Points:
Safety (20%) 65.99		
Totals: Weight: 50% Weighted Score: 17.86		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	28.64
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	5081.84
Capacity:	15546.34
Volume/Capacity Ratio:	0.33
% Autos:	87%
% Trucks:	13%
Truck Volume:	674.19
Crash Density:	74.39
Crash Severity:	60.25
Critical Crash Rate:	63.35
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	30
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	28.64
Facility Type:	Superstreet
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-3023228.17
Travel Time Savings for 30 Years (Autos):	-2622147.75
Travel Time Savings for 30 Years (Trucks):	-401080.42
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Cape Fear RPO	57%	0	0
Jacksonville Urban MPO	43%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$174,144,000	Cost Estimation Tool
Right-of-Way Cost:	\$56,932,000	Cost Estimation Tool
Utilities Cost:	\$6,832,000	Cost Estimation Tool
Total Project Cost:	\$237,908,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$237,908,000	